



AGORA

Thunder Bay

Ontario, Canada

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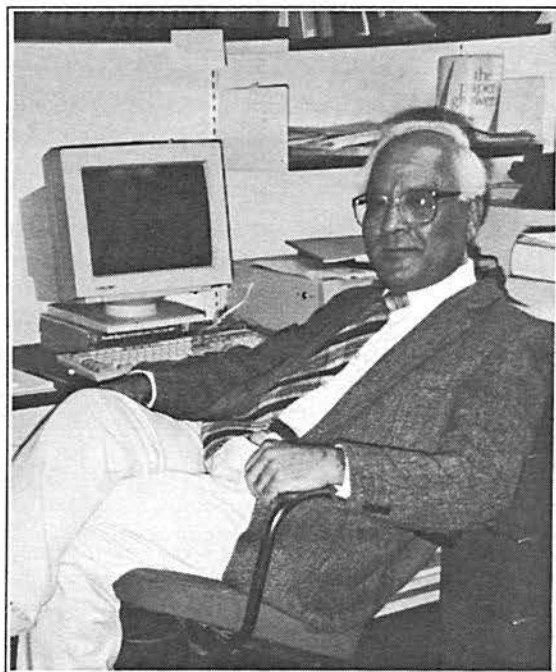
When I told a friend I was on my way to interview a theoretical physicist, he quipped "why don't you interview a real physicist?"

I soon found out that Dr. V.V. Paranjape is most certainly a real, live, flesh and blood person who is respected around the world for his research in theoretical solid state physics. This fall Lakehead University acknowledged his achievements by awarding him the Distinguished Researcher Award.

Dr. Paranjape speaks highly of the Department of Physics and when asked who influences him most these days, he says without hesitation: "my colleagues".

Over the years, Dr. Paranjape has garnered the praise of the Natural Sciences and Engineering Research Council of Canada (NSERC), the organization that has funded Dr. Paranjape's research each year for the past 28 years!

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V.V. Paranjape

DISTINGUISHED RESEARCHER 1993

Victor Smith

DISTINGUISHED INSTRUCTOR 1993

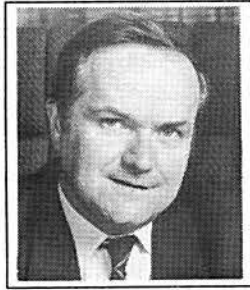


Vic Smith is a deliberate-speaking Scot who can consume a dozen perogies while holding his listeners at captive attention. He is a careful storyteller -- not surprising since he's also an historian.

Professor Vic Smith's arrival at Lakehead University more than twenty years ago follows a quirky path that includes Scotland, Canada, and the United States. On the surface it seems to be the story of a lad destined to be a teacher while fulfilling his father's wish that he be anything as long as he didn't get his hands 'derrrry'. The historian argues that his hiring might have been attributed to a pack of Rothman's cigarettes rather than his academic credentials.

Victor Chalmers Smith always wanted to be a high school teacher. Born in Dundee, he headed off to St. Andrew's, the oldest University in Scotland (opened in 1413), and did a joint honors degree in English and History. In his final year, a friend made rude references to chalk-holding lectures he would be forced to endure if he went to the College of Education. Wanting

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Dr. Robert Rosehart
President
Lakehead University

Welcome to 1994 and the challenging climate of Northwestern Ontario.

GOVERNMENT RELATIONS

The expected announcement prior to Christmas of tuition fee levels for next year did not come. Current guesses from our Ministry speculate the end of January, but I suspect it may be later as the issues become increasingly complicated. Fee levels are one of two significant income factors for a university, the other being the operating grant level. The operating grant level for next year may now be influenced by the new federal government's action on transfer payments. Complicating the decision-making of the Ontario government appears to be considerable public pressure against fee increases, the desire for the government to, in one way or another, encourage the universities to take more students, and very strong policy statements from the Ontario Liberals to the effect that no tuition increases should be allowed until "value for money" auditing is done on the universities.

I would summarize by saying that little is resolved, but the dialogue continues. We do not finalize our 1994/95 budget until the end of April and I suspect by then, it will all get sorted out.

Minister Dave Cooke has released his response to the Recommendations of the Task Force on University Accountability. In general, I would say that he has taken a progressive position which, for the most part, goes along with reinforcing the actions of the universities themselves to be the primary instruments of accountability subject, perhaps, to some provincial driven process or protocols. The Minister has reserved judgement on one of the most controversial aspects of the Report, the creation of an external "monitoring" body for the universities. I feel that this would be just another expensive government agency whose function could equally be performed by an "undergraduate" version of the self-regulated system the Ontario universities operate for graduate studies via the Ontario Council of Graduate Studies (O.C.G.S.).

Rumours are starting to get louder about a possible provincial election in 1994!

COLD WEATHER AND WATER DON'T MIX!

To most of you, the stories of broken pipes and water damage suffered by the University over the holiday break is old news. A great deal of effort went into the clean-up, and disruptions are being minimized as much as possible. Some of the incidents were preventable and, unfortunately, others were not. For example, in the Residence, it would appear that the unwise placement of a water line parallel to a cold air intake by the architects 25 years ago finally caught up to us because of the record cold temperatures. In other situations, a combination of factors, including air infiltration via poor fitting windows and doors, wind directions, restricted air circulation, poor insulation standards, and the fact that most of our energy management programs have been retrofitted to existing buildings, all have contributed. Fortunately, most of our direct and indirect costs for damage to University property will be covered by our insurance policies, but this is little consolation when these things happen.

I would like to think that perhaps the cold weather is over, but perhaps not. In this regard, I would ask for your help to try and minimize these incidents in the future. My suggestions would include:

- Particularly during off hours, if you notice an area that is abnormally cold, please notify Security who will pass the word on to Campus Development;
- Be aware of air infiltration around doors and windows;
- Keep heat register areas free of blockages (books, paper piles, etc.) in order to have maximum air circulation in smaller rooms;
- Talk to your house insurance agent to make sure that your "occupant's" policy covers your personal property in your office. This costs very little, but is often overlooked.

If any reader has additional suggestions, I would be pleased to hear them.

FEDERAL INFRASTRUCTURE FUNDING

If you have been following the local political scene, you will have noticed much focus on various projects attempting to seek funding from the new Federal Government's Infrastructure Program. You may be interested to know that universities are to be eligible for the Program, and we are actively working to identify projects that would qualify under the infrastructure renewal category.

PH.D. PROGRAM AT LAKEHEAD!

Until recently, the smaller, newer universities in Ontario were not allowed to develop graduate programs at the doctoral level. This restriction has now been lifted to some degree, and Wilfrid Laurier and Trent Universities have now received permission to operate a Ph.D Program. In terms of the academic evolution and the firm identification of Lakehead University as a comprehensive university, it is important that we also embark on this course. A few months ago, after a lot of hard work over several years, the Psychology Department at Lakehead University has submitted to the O.C.G.S. a "Standard Appraisal" document for a Ph.D Program in Clinical Psychology at Lakehead University. During the next few months, three outside reviewers will visit the Department as part of the review process. In total, the two levels of regulatory review will take a further two to three years before a student would be admitted, but the steps that have been taken to date are important. Approximately 20% of all graduate students at Lakehead University are currently enrolled in the Master's Program in Psychology. The Department of Psychology should be proud of what has been accomplished to date, and they need all of our support during the coming review processes. This initiative is particularly important when I look ahead to the implementation of the major formula funding review that has just started in this province.

CHEATING, THE COURT, AND THE CODE!

Although it is difficult to quantify, I feel that there are increasing incidents of academic cheating coming to the surface. This is consistent with trends throughout North American universities. At Lakehead University, we have taken tough stands where, in fact, we can prove to the satisfaction of the processes outlined in the Code of Student Conduct and Discipline, that an offence did occur.

This past year, a very complex case developed where a judicial challenge was launched with respect to serious sanctions imposed under the Code. In December, a panel of three judges heard the case and upheld the University's decision. I view this as a landmark decision in terms of our ability to deal seriously with such cases internally.

In this regard, I would encourage all faculty to become familiar with the Code of Student Conduct and Discipline and refer to it, when appropriate, to deal with academic dishonesty.

CO-GENERATION

During the past year, Lakehead University has undertaken a major study looking at the possibility of installing a co-generation system. Currently, we have two prime energy systems that are unrelated. We purchase electricity from Thunder Bay Hydro and we heat most of our buildings from steam generated in the power plant boilers from the combustion

of natural gas. Both systems independently are fairly energy inefficient. Co-generation is simply the term used to describe a system where both electricity and steam are generated in the same system. For Lakehead University, this would mean that we would reduce our dependency on Thunder Bay Hydro and, in fact, generate a portion of our base load of electricity. This is a major project which would be funded from the annual savings using bank financed funds. Pay-back period, including interest, is of the order of five to six years, and the annual saving generated after that period of time that could be used for other university priorities is of the order of \$600,000/year. The initial capital cost is approximately \$2.5 million. This project has been considered in detail by the Campus Development Committee of the Board of Governors and will be going to the Board of Governors for consideration at their February/94 meeting.

Brock University and the University of Windsor have recently decided to install similar equipment.

SAFETY FIRST

A new year and a new start - remember - **THINK SAFETY.**

Campus Notes

Education Student Killed in Motor Accident

Referred to by one of her instructors as "one of the finest education students on campus", the School of Education has lost a promising young teacher in a traffic accident. Lisa Belle, a Hillcrest graduate from Thunder Bay, in 3rd year Concurrent Education, was killed on Lakeshore Drive, December 29, 1993.

Welcome home, Dr. Rob.

LU's Rhodes Scholar, Rob Foster, and wife Lana Bresele (MSc '89) are back in Thunder Bay having worked four years between Oxford and Africa getting scientifically friendly with dung beetles. Dissertation and defence complete, Foster has applied for a post-doctoral fellowship from NSERC and will write and submit articles while waiting to hear if his proposal was successful.

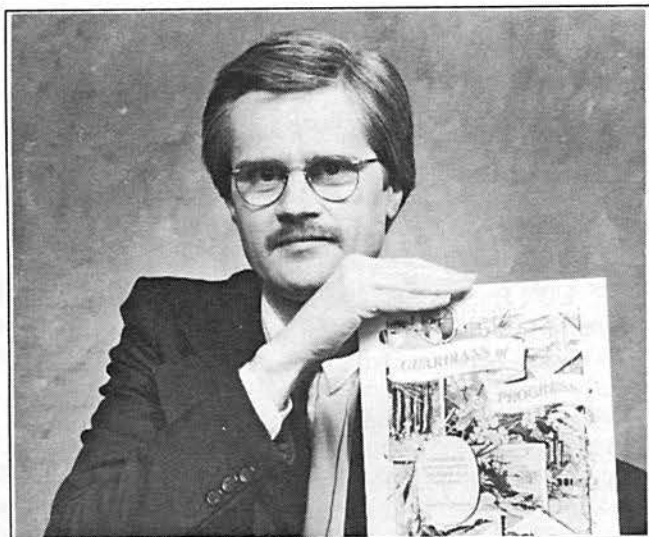
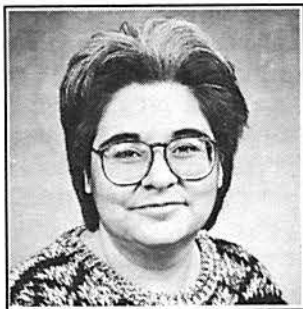
Some Wins Some Losses

The Nor'Wester Wrestling and Basketball Teams were busy January 7 & 8. The Annual Gord Garvie Wrestling tournament was won by Superior Wisconsin with the LU matmen capturing second place. Coach Francis Clayton says the wrestlers did well and will be working hard to prepare for the meet at Manitoba on January 29.

The Lady Nor'Westers split their games with Waterloo winning 58 - 56 on January 7 and getting trounced 62 - 42 on January 8. The men were able to get past the Warriors in both games, but not without a battle.

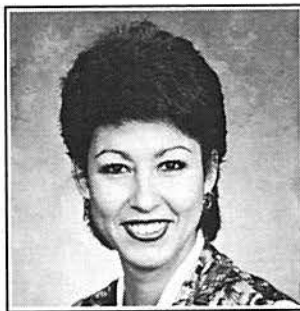
DONNA CHABBERT

Donna Chabbert provides a friendly, although determined presence within the small Native Access Program for Engineering (N.A.P.E.) as Program Assistant. She enjoys the challenge and diversity of the position which provides a "fantastic opportunity for growth both career-wise and personally." Raised in Sioux Lookout, Donna moved to Thunder Bay and obtained a diploma from Confederation College in Business and Commerce and a diploma in Animal Care Aid. In accordance with her diverse nature, she has worked as a legal assistant, an aid in a veterinary office, and has spent five years with a tribal council. Donna now balances her hectic days with cross-country skiing, a favorite movie, or reading. This lover of nature shares, with her housemates, four dogs and two cats, including her own "stray" which she considers to be a "miniature golden lab". Donna, for the past two years, has been a volunteer for the Big Sisters Organization and is "Sister" to a ten-year-old from Gull Bay.



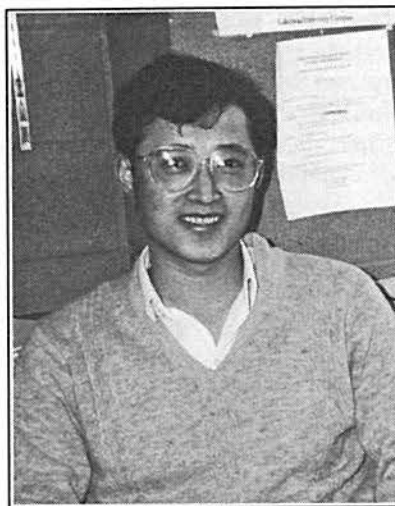
Thorold Tronrud, Adjunct Professor with the Department of History and curator and archivist at the Thunder Bay Historical Museum Society has published *Guardians of Progress Boosters & Boosterism in Thunder Bay, 1870-1914*. The book is a study of the ideas and techniques of those energetic and often colorful boosters -- land developers, speculators, real estate promoters, pioneers, journalists and merchants -- who, between 1870 and 1914, made it their business to transform two small settlements on the shores of Lake Superior (Fort William and Port Arthur) into a Canadian version of Chicago. Ultimately they failed, but, in trying, they left an indelible mark on the character of the community they helped to create, the city of Thunder Bay.

NOVA LAWSON

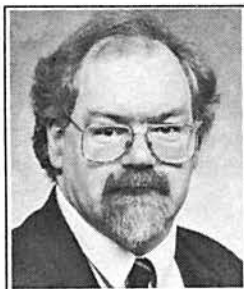


Nova Lawson is a dynamic addition to the department of Native Studies and Support Services. As secretary, she has quickly learned the divergent needs of her position. In many ways she runs the department. In addition to her numerous duties, she is involved in the Rockefeller Native Philosophy Project and has recently made major contributions to the Aboriginal Education and Training Proposal. In her terms, her position is not a job, it is a way of life. Nova is "a firm believer in continuing education and is committed to personal growth." Beginning in the new year she will also take on the role of university student and intends to eventually graduate from law school. She also loves to travel, to attend seminars and she reads extensively for self-improvement. Originally from Edmonton, Alberta, Nova moved to Thunder Bay after spending time in British Columbia. She graduated from secretarial school in Alberta, and from Business Marketing at Confederation College. Nova recently owned and operated the restaurant *Plaza Nova* in Thunder Bay and she thanks the Native community of Thunder Bay and surrounding area for its support of this endeavor. When she does have spare time, Nova likes to golf, skate with her nine-year-old nephew, swim, weight train, and attend powwows.

JANLI GONG



Old growth forest conservation and the impact of herbicides are the two most important issues facing people in Northwestern Ontario says **Dr. Janli Gong**. Dr. Gong is a research scientist with the Institute of Botany from the Chinese Academy of Science. He comes to Lakehead University on a one-year post-doctoral research fellowship funded by NODA. Dr. Gong, who did his PhD thesis in Scotland on the ecology of native woodland, will continue working with Dr. A.U. Mallik in the Department of Biology until mid-June 1994.



Dr. J.M. Richardson was Lakehead University's delegate to the International Conference on Refereed Electronic Journals, held in Winnipeg last October. The proceedings of the conference were supposed to be made available electronically via anonymous File Transfer Protocol (FTP), together with a series of annotations and comments by the organizers. At press time the proceedings had still not become accessible; hence, the following comments are based on Dr. Richardson's notes and memory. Quotes are taken from the Preface to the conference abstracts.

ments by the organizers. At press time the proceedings had still not become accessible; hence, the following comments are based on Dr. Richardson's notes and memory. Quotes are taken from the Preface to the conference abstracts.

The conference was divided into eight plenary sessions over the two days and covered a number of subjects: chief among them from an academic perspective is the special nature of the electronic media and how they affect the preservation of core academic values, especially those associated with the vetting of publications and with the protection of intellectual property. It became clear that the shape of electronic scholarly journals is still emergent and developing; indeed there could not really be said to be a consensus on exactly what an electronic journal is. Some viewed electronic journals as a means of facilitating collective, collaborative work, so that, for example, a scholar would send out a draft or some preliminary version of his work and this version would then be added to, commented on, etc., by other scholars on some sort of on-going basis, so that the final product, whenever that occurs and however it is defined and designated, would be the product of so many hands that it would be very difficult to isolate and

Shaping the Electronic Journal for Scholarly Purposes

by Dr. J.M. Richardson, Chair, Department of English

The International Conference on Refereed Electronic Journals was intended from the time of its inception to serve as a "springboard for the formation of a consortium of universities, colleges and learned societies to promote and develop the Internet for research publication...[to be] a new cooperative initiative by academics and for academics to help shape the development of the Internet for scholarly purposes." It was hoped that through this conference scholars could come to recognize "both the potential of the Internet and their responsibility to take an organized and active role in developing the use of the Internet for research publication." It is no doubt because of the broad and ambitious nature of these aims that delegates to the conference represented a wide range of interests: academic disciplines of all sorts were in evidence, as were librarians, lawyers, publishers, and commercial computer interests. Two things were stressed repeatedly: 1) that the Internet gives scholars a unique opportunity actually to shape how research gets published, rather than to continue in our current practice of giving our newly acquired and hard-won knowledge to commercial publishers and then buying it back at ever-escalating costs to the library (see John Franks, "The Impact of Electronic Publication on Scholarly Journals," *Notices of the American Mathematical Society*, 40.9 (Nov., 1993), 1201; and 2) that if the academic community fails to seize the initiative, the Internet will be developed by governmental and commercial enterprises, thus relegating the needs of scholars to the back seat. Although the conference dealt with matters that are transnational in their import and implications, the organizing committee felt that mounting the conference in Winnipeg would help ensure that Canadian scholars "get in on the ground floor" of new developments.

"...Internet gives scholars a unique opportunity actually to shape how research gets published, rather than to continue in our current practice of giving our newly acquired and hard-won knowledge to commercial publishers and then buying it back at ever-escalating costs to the library..."

evaluate the contribution of any one individual. The problems presented by multiple authorship to bodies such as Promotion, Tenure and Renewal committees would get more acute than they now are. Moreover, the concepts of intellectual property, the integrity of the text, and copyright would become nearly meaningless. In the many electronic forms for distributing papers currently in use (e-mail, ftp, Gopher), we can see the special efficiencies of the media; namely, speed of distribution, ease of storage, and the elimination of many of the usual middlemen. The main thing missing, or at least feared by many to be missing, is the peer review process; indeed it is usually assumed that papers that first appear in these formats will eventually appear in print and so gain academic credibility. However, it should be stressed "there now exist electronic journals, edited and fully refereed, and available to scholars electronically without cost." The costs of running such journals are usually borne by the editor's institution or research grant. Stevan Harnad, the publisher of one such journal (*PSYCOLOQUY*), indicated that one problem was to

...continued on page 6

Electronic Journal (continued)

convince the academic community that proper vetting really does go on. Another speaker indicated that there are currently some 8-10,000 discussion groups on the Internet, plus about 700 newsletters and/or journals many of them not refereed and many of them short-lived; this speaker suggested that there are now about two dozen serious refereed journals available electronically. The main reason offered for the apparent slowness in developing more such journals, apart from certain technical problems associated with graphics and sound and the like, was the existing social environment of scholarship, an environment characterized by institutional conservatism. This takes two main forms: 1) scholars, naturally concerned with career development, prefer to publish with established journals that "count" in their field; and 2) most scholars today seem to wish to preserve old work habits as much as possible, particularly reading documents in hard copy--many speakers suggested that electronic journals simply postpone print by delegating the printing task to the reader. However, most speakers felt that in time, given diligent work and appropriate proselytizing, the resistance to electronic publication would diminish.

The final session dealt with the possibility of forming a consortium of universities and learned societies to cooperate in promoting high academic standards in electronic publication and to legitimate such publication in the academic community at large. In many ways this was the least satisfying aspect of the conference, because it lacked specificity. Many delegates posed the following question: "I was sent here by my university. What am I supposed to tell my Dean?": what such a consortium would look like, who would be involved, what exactly would be done, why it would have to be done as a consortium, what commitment (financial or otherwise) would be expected of its member institutions -- none of these questions was really tackled in any detail. Needless to say, the responses here were fairly mixed, and the organizing committee seems content at the moment to ask delegates to seek, and communicate to them, little more than an expression of ongoing interest in the whole matter from the various institutions. It seems fairly evident that electronic publication in one form or another is going to assume a larger role in the dissemination of academic knowledge in the foreseeable future, so it strikes me that it would not be out of line for Lakehead University to let the organizing committee know that we are interested in keeping tabs on developments in the field and in examining any plans for a consortium that might develop.

I have, in electronic format, the abstracts for the various papers and a lengthy directory of electronic journals, compiled by one Dr. Strangelove, and would be happy to pass them on to anyone interested in receiving them.

-- J.M. Richardson, Department of English, Lakehead University, Thunder Bay, Ont. P7B 5E1.
jrichard@cs_acad_lan.lakeheadu.ca

Is there a topic you think should be covered in the Agora? If so, contact the Information Office at 343-8193

Distinguished Instructor (continued)

to be a teacher, but not being keen on the "training" aspect, Smith began to consider another piece of advice - travel and do another degree. Thinking what on earth would anybody want with another degree, he accepted an offer from the University of Western Ontario, packed his ice axe and headed for Canada.

The Master's in American History proceeded well in London under his mentor, Professor Overton, who also persuaded him to continue his studies after graduation. At Duke University in North Carolina, Smith's doctoral studies took him further into the books and archives, particularly on railway development. With only his dissertation to complete, love and the lure of a paying job encouraged him to apply for the teaching position at Lakehead. The memorable interview with Dodd, Raffo, and Miller took place in 1970 in Washington at the annual meeting of American Historians. Dr. Tom Miller remembers it well. "It was a bad year for jobs. We got hundreds of offers when we put out the word we needed an historian of America. We interviewed from dawn to dark until they all looked alike." What about Vic Smith and the Rothman's? With a hearty laugh, Miller concluded, "he was the ideal candidate: a heavy smoker, a scholar of American history from Western and Duke - and originally from the British Isles!"

His life in Thunder Bay was a bit like a rocky Scottish path. Shortly after his marriage to Sal in 1967 she was diagnosed with Multiple Sclerosis and died three years ago. Their long battle with the disease also took its toll on Vic who battled depression and alcohol dependency.

He doesn't pull punches about his frustration over the growth of class size. "Introductory classes are highly important to me and it's hard to give students what they need with those numbers." His students say he's organized and always prepared (although late) for class. "He makes us work. He has a passion for his work. What he does best is lecture on themes rather than specific dates and events." But Vic Smith admits that even after 20 years in the classroom, "I would rather be anywhere than preparing to walk into the room. Five minutes later there's no place on earth I'd rather be." What does the award mean? "It's about the recognition of the importance of teaching, not just for one professor, but for every one of us."

The man who hired him, Dr. Tom Miller, has the final salute. "He knows his stuff. He is always familiar with the literature and he spoons it out to the students in the right amounts. He has enthusiasm and clarity of expression. His thoroughness is accompanied by a wonderful dry wit." The respect between Smith and Miller has one curious parry: they each think the other "should write more".

-- Katherine Shedden

December 6, 1993 marked the 4th anniversary of the death of 14 women killed at L'ecole Polytechnique in Montreal. Members of the Lakehead University community joined in a candlelight procession from the Agora to the Avila Chapel for a Remembrance Service sponsored by the Status of Women Committee and the Gender Issues Centre. December 6 is now recognized as a National Day of Remembrance and Action on Violence against Women. -- Tracey Marks

DOWN UNDER

REMINDER: All health (drug, medical and vision) expenses and dental claims for work performed on or after December 1, 1993 must be sent to The Prudential Insurance Company. Claim forms are available in Human Resources.

PREFERRED VISION SERVICES (PVS)

Preferred Vision Services (PVS) entitles you to a discount on a wide selection of quality eyewear and vision care services when you purchase these items from a PVS network optician or optometrist. You may use the PVS network to purchase services and eyewear for yourself and your Qualified Dependents at a reduced cost. The average savings are approximately 20-25%. The following are PVS locations in Thunder Bay:

Sears Optical
Intercity Shopping Centre
930 Fort William Rd.
Thunder Bay, Ontario P7B 2S4
tel: 622-6811

Ham's Vision Centre
Victoriaville Mall
700 Victoria Ave. East
Thunder Bay, Ontario P7C 5P7
Tel: 623-2020



When you visit the above opticians, be sure to tell them you are a Lakehead University employee with benefits through Prudential, and ask about your PVS savings. PVS is a service provided by The Prudential to its customers through Preferred Vision Services.

YOUR JOINT OCCUPATIONAL HEALTH AND SAFETY COMMITTEE:

Designated Representatives:

Angell, Bob	Comm. Res. Centre	8191	Kerr, Peter	Campus Dev.	8370
Barber, Lynn	Library	8350	McIntosh, Fred	Library	8205
Birston, Ralph	Forestry	8783	Munro, Ian	Campus Dev. (Hskpg)	8488
Bonofiglio, John	Comm. Res. Centre	8021	Payne, Bob	Outdoor Recreation	8758
Bragnolo, Bill	Human Resources	8757	Podd, Jim	Campus Dev.	8750
Charban, Maureen	Visual Arts/Music	8787	Prevost, Yves	Forestry	8342
Christie, Dave	Finance	8626	Scalese, Gisela	Library	8147
Corbett, Dave	Chemistry	8233	Sebesta, Frank	Library	8255
Engelage, Fred	Campus Dev. (Pwrhs)	8119	Squier, Jim	Campus Dev. (Hskpg)	8488
Gibson, Norma	Switchboard	0	Stucky, Richard	Security	8569
Himmelman, Joy	Student Services	8149	Sutherland, Jessie	Health Services	8361
Hurley, Becky	Bookstore	8130	Thibodeau, Bob	Campus Dev. (Pwrhs)	8119
Jamieson, Rob	LUSU	8259	Toneguzzi, John	Security	8569
Julius, Stu	Athletics	8605	Walsh, Grant	Services	8452
Keeler, Bill	Athletics	8585	Young, Charlotte	Psychology	8476

CASSETTE LIBRARY

We would like to remind you that Human Resources has a library of video and audio cassettes which we would be happy to sign out to interested employees. We have quite a few health and safety videos, as well as the following:

The Cholesterol Factor - the link between cholesterol and heart disease, and steps to take to protect your health

Laughter - humour, its role in keeping people human and resolving conflict

Stress Management for Professionals - making stress a positive force (2 videos)

We also have a number of audio cassettes including:

How to Present a Professional Image - practical tips to building a professional image

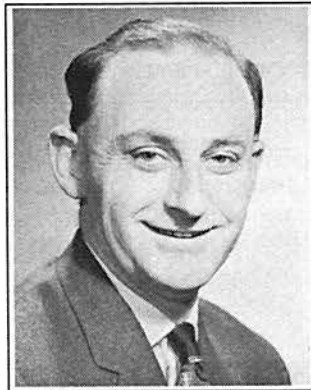
Self-Esteem and Peak Performance - skills needed to reach peak performance and maintain level of excellence. Contact Human Resources at 8334 if you wish to sign out any of these tapes.

Quote of the Month: The trouble with experience is that it usually teaches you something you really didn't want to know.

University Honours Employees



Gordon McKenzie
Campus
Development



Walter Crowe
Business
Administration



James Speirs
Security



Joan Boucher
Physics



Cesare Cimone
Security



Mary Wilkins
Computer Centre



Jackie Johnston
Campus Development



Lawrence Smetaniuk
Campus
Development



Vi Shanks
Finance



William Makiw
Campus
Development



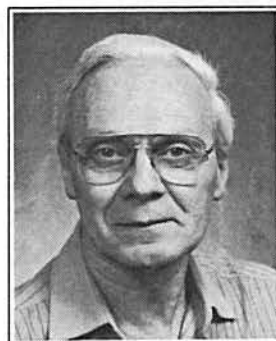
Ida Wilson
Printing Services

Retirees

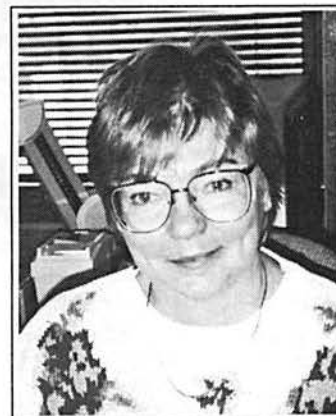
In keeping with tradition staff and faculty who retired during 1993 were honored at the Lakehead University annual dinner-dance held in December. Also recognized were nine employees who started working at the University in 1973 and are still going strong. Special thanks to the staff of the Communications Resource Centre for highlighting the accomplishments of the retirees on video.



Alison Anderson
Library



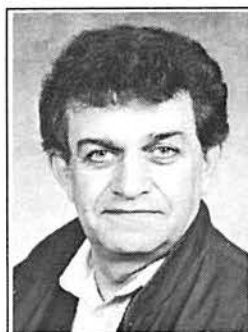
Ralph Birston
Forestry



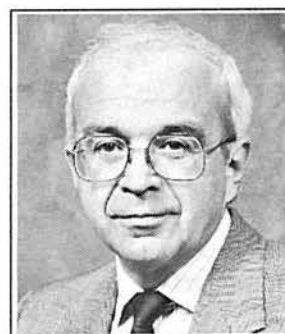
Lynn Hauta
Biology



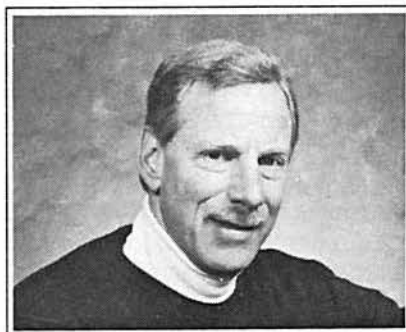
Fred McIntosh
Library



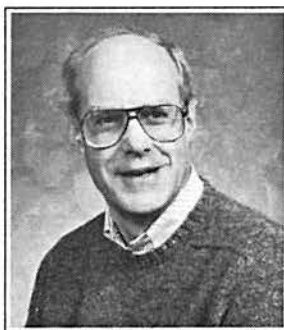
Walter Trutenko
Campus Development



Gary Locker
Engineering



Claude Liman
English



Bill Heath
English



Verna Petrovitch
Chemistry

20-Year Pin Recipients

Share OUR NORTHERN VISION

Hewlett-Packard (Canada) Ltd.'s philanthropy program focuses on products that the company manufactures. Shown right, are some of the Lakehead University engineering, science and business scholars who received 30 calculators donated by the company and valued at an estimated \$250 each. The corporation's in-kind donation to the Share Our Northern Vision Campaign to date is valued at over \$23,000.



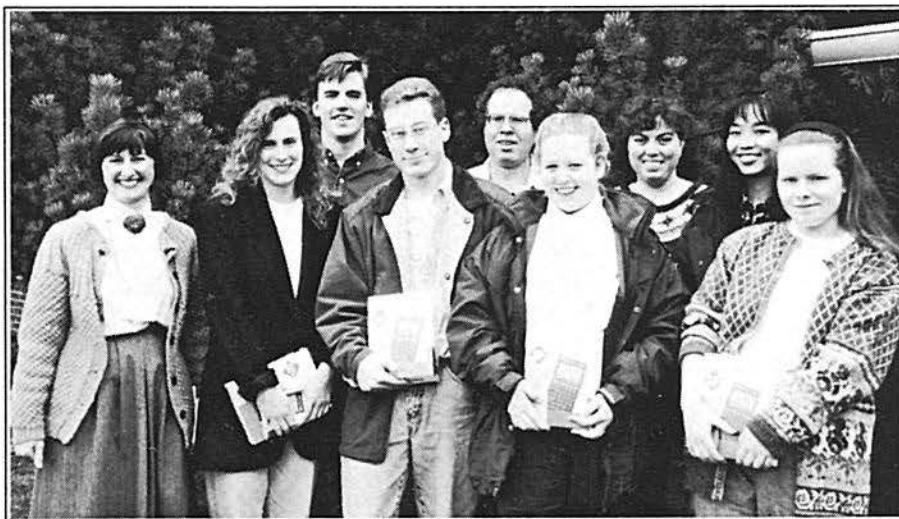
Volunteer Profile: Kathy Ball

LU is fortunate to have a dedicated and experienced volunteer like Kathy Ball on the Campaign. Kathy, whose background is Recreational Leadership, is the past president of the Hill City Kinettes and has worked with the City of Thunder Bay in the Conventions and Visitors Bureau, the Thunder Bay/Duluth Friendship Games and with the Canada 125 celebration. Her job with Lakehead University in conjunction with Development Officer Rob Zuback is to solicit the support of local service clubs.

Originally from Red Rock, Kathy has lived in Thunder Bay for the last 13 years. Her husband Rick is the owner of White Pine Electric and they have two children, Jordan and Allyson.

Fundraising Seminar

Over 100 people registered for a Fund-raising Seminar called "Moving beyond Bingos and Casinos" organized by the Alumni Association last November. Guest speakers included Tim Kluge, a consultant with Community Counselling Service; Jan Bell, Marketing Development Manager with the TBSO; and Doug Alexander Professor in the School of Business.



CO-GENERATION: A WAY TO SAVE

The idea that Lakehead University can generate its own electricity and recover the heat that is generated in the process is not new. There have been several feasibility studies done in the past. The most recent one, by consultants Maunder Britnell Inc., says that for a capital cost outlay of \$2.2 million dollars, LU could save close to half a million dollars a year. Essentially, the project could pay for itself in four-and-a-half years.

"It's not rocket science," says Peter Kerr, Assistant Director of Campus Development. Co-generation is straightforward, proven technology that is being used all over Canada (including Brock University and the University of Ottawa), the United States and many other countries. "In the long-term," says Director Jim Podd, "Co-generation will enable the University to direct funds to maintenance projects that are essential but which, because of lack of funds, have had to be deferred."

If Lakehead does install the new technology, which uses natural gas as a fuel source, will the University continue to purchase electricity from Thunder Bay Hydro? "Yes," says Jim Podd. "What we are doing is really "shaving" our costs. People don't realize the University has a demand for heat in the summer — particularly steam heat for cooking, domestic hot water for the residences and, of course, the swimming pool in the C.J. Sanders Fieldhouse.

The University has studied the environmental impact of co-generation and has determined there are no significant negative effects. Noise and emissions levels will be within the guidelines set down by the Ministry of Environment and Energy.

If the project is approved, it will be 18 months before an addition to the north side of the power plant is completed. No staff positions will be lost as a result of the new technology, says Jim Podd. However some of the electrical/mechanical maintenance staff and power house shift engineers will be obliged to learn new skills in order to operate and maintain the equipment.

Peter Kerr, an LU engineering grad (class of '87), says there has also been some interest expressed by the University's Engineering faculty in using the co-generation plant as a basis for student research projects. For more information contact Peter at Ext. 8370.

-- F. Harding



On January 17 and 18, 1994, the Department of Sociology and the Northern Educational Centre for Aging and Health co-sponsored a visiting lecturer: Dr. Anne Martin Matthews, Director, Gerontology Research Centre and Professor, Department of Family Studies, University of Guelph.

On Monday, January 17 there was a public lecture, "Women, Work, and Care of the Frail Elderly: Formal and Informal Support" in the lobby of the Health Sciences North building, Lakehead University. And on Tuesday, January 18, faculty and graduate students were invited to meet with Dr. Matthews to discuss strategies of research and the CARNET (Canadian Aging Research Network) project.

The Canadian Aging Research Network is one of 15 national R & D networks launched in 1990 under the Government of Canada's Networks of Centres of Excellence program (NCE).

The aim of each NCE is to generate excellence and collaboration in research, to provide internationally-competitive environments for young Canadian researchers, and to accelerate the transfer of new technology to the private sector. In addition to her current research on "Work and Eldercare", Dr. Martin Matthew has major publications on Widowhood in Later Life, as well as chapters in Aging in Canada: Social Perspectives and Widows: North American Perspectives. She has also produced a videotape entitled Aging in a Rural Environment. Those interested in further information may contact Dr. Anita Chen (343-8792) or Mary Lou Kelley (343-2126).

The Department of Social Work and the Northern Educational Centre for Aging and Health is co-sponsoring a visit from Dr. Michael MacLean, President, Canadian Association on Gerontology. Dr. MacLean is also a Professor, Office of Gerontological Studies and School of Social Work, McMaster University. Between January 22-26, 1994, Dr. MacLean will be visiting the Department of Social Work, the Northern Educational Centre for Aging and Health and will present an evening lecture on the topic of "culture and aging". Dr. MacLean's area of research is in multicultural aspects of aging and health. He gave the opening address at the Gerontology Forum in April 1993 and has recently collaborated with Mary Lou Kelley (Social Work/Northern Educational Centre for Aging and Health) on two research projects in Thunder Bay, "Access to Health & Social Services by Older Finnish People" and "Deinstitutionalization of Older People". Dr. MacLean has a special interest in qualitative research methodology. Those interested in further information may contact Mary Lou Kelley, Director, Northern Educational Centre for Aging and Health (343-2126).

Amateur wrestling has long been considered a sport only for men. Yet lately more and more women are putting their heads to the mats and changing the face of wrestling forever. Wrestling coach Francis Clayton is helping Lakehead University develop a strong and enthusiastic women's program that has attracted 20 participants. To many of the young female athletes, wrestling has become an important part of their academic year. Practices are scheduled several times a week and often occur early in the morning yet turnout is consistently high. As well as being an excellent workout, wrestling is helping the women acquire more self-discipline and confidence, higher grades and a greater sense of belonging. They are also gaining a new appreciation for the finesse and technical details of wrestling.

-- Rob McLaughlin

CALL FOR NOMINATIONS

The Alumni Association is requesting nominations for the 1994 Alumni Honour Award. The purpose of the Award is to recognize a graduate of LU for outstanding achievements in the arts, business, public service, science, humanities, etc.

Please address your letter to the President of the Alumni Association. List your reasons for nominating the Candidate and attach a copy of the Candidate's curriculum vitae and any other relevant information. Mail your nomination to:

The President
LU Alumni Association
Lakehead University
955 Oliver Road
Thunder Bay, Ont.
P7B 5E1

Deadline
February 15, 1994

ALSO

The Senate Committee on **Honorary Degrees** invites all members of the University Community to submit the names of suitable candidates for honorary degrees to be awarded at the Spring Convocation in May of 1994. It would be helpful if as much information as possible could be provided about each candidate proposed. All suggestions will be carefully considered by the Committee which will then make its recommendations to Senate. Please send your proposals to the attention of Dr. G. Carruthers, Chair, Senate Honorary Degrees Committee, c/o Department of Music, Lakehead University, 955 Oliver Rd., Thunder Bay, Ont., P7B 5E1

LU SIGNS AGREEMENT WITH PARKS CANADA

The School of Outdoor Recreation, Parks and Tourism has signed a Memorandum of Understanding with Parks Canada, the federal agency responsible for establishing and managing Canada's national parks. The agreement, in effect from 1993 to 1998, covers research and educational initiatives between the parties. A similar agreement is under development with the Regional Parks Office of the Ontario Ministry of Natural Resources in Thunder Bay. Both agreements will strengthen the School's research and educational involvements in national and provincial parks and push forward the case for a graduate program in Resource Recreation and Tourism at Lakehead University.

NEW FORESTRY CANADA-NODA AWARDS TOTAL \$610,000

In November 1991, the \$95 million Canada/Ontario Development Agreement was signed. This agreement, which covers forestry, tourism and mining, allocates \$50 million to a Northern Forestry Program to promote partnership with the Ontario Ministry of Natural Resources in pursuing sustainable forestry development in northern Ontario. In the program's second request for proposals, Forestry Canada sought innovative project proposals under the Sustainable Forestry Development Program for a more focused range of priorities not adequately addressed in the first RFP.

In response to the second RFP, several contracts valued at \$610,000 over two-and-a-half years, were awarded to the following Lakehead University researchers:

Dr. Ken Abraham, Adjunct Professor and **Dr. Art Rodgers**, Adjunct Professor, School of Forestry (Centre for Northern Forest Ecosystem Research)

"Influence of environmentally considerate silviculture on bird and mammal populations in boreal mixedwoods - bird component"

Dr. Harold Cumming, Professor, School of Forestry
"Glyphosate effects on nutritional quality of moose browse"

Dr. Peter Duinker, Associate Professor, School of Forestry

"Remote tourism and timber management in boreal forest landscapes" and

"Integrated modelling of moose habitat and population"

Dr. Yves Prevost, Assistant Professor, School of Forestry
"Impacts of spruce budworm and budworm spraying on succession in boreal mixedwood forest"

Dr. Art Rodgers, Adjunct Professor and **Dr. Ken Abraham**, Adjunct Professor, School of Forestry (Centre for Northern Forest Ecosystem Research)

"Influence of environmentally considerate silviculture on bird and mammal populations in boreal mixedwoods - mammal component"

Dr. Dave Twynam, Assistant Professor, School of Outdoor Recreation, Parks and Tourism and **Dr. Dave Robinson**, University of Northern British Columbia

"A market segmentation analysis of desired ecotourism opportunities"

Mr. Laird Van Damme, Dir. of Ont. Adv. For. Prog., Sessional Lecturer, School of Forestry

"Economic Wood Supply for Alternative Silviculture Systems"

Dr. John Naysmith, Director and Associate Professor, and **Dr. Peter Duinker**, Associate Professor, School of Forestry (Socio-Economic Analyses Program)

"Aboriginal Forestry and Undergraduate Education: A Framework and Implementation proposal for Lakehead University"

OTHER RESEARCH GRANTS AND CONTRACTS AWARDED

Dr. Joey Farrell, Assistant Professor, School of Physical Education and Athletics, along with colleague **Dr. Tammy Horne** from the University of Alberta, has been awarded a grant in the amount of \$8,000 from the Canadian Fitness and Lifestyle Research Institute and a \$6,821 grant from the Ministry of Culture, Tourism and Recreation. Dr. Farrell was also the recipient of a NORTOP grant this past summer which was used to supplement the research assistant funding provided by the other grants. The research projects funded relate to the **Promotion of Active Living through the use of Goal Setting** in different target groups. Currently, she is focusing on the Promotion of Active Living for Seniors within the Thunder Bay community.

Dr. Azim Mallik, Assistant Professor, Department of Biology was awarded a contract by Forestry Canada under the Green Plan Program, for a research project entitled, "Environmental impacts of current versus alternative site preparation practices on boreal mixedwood soil organic matter". According to Dr. Mallik, organic matter decomposition and element release due to different site preparation treatments following harvesting in the boreal mixedwood forests of Ontario is poorly studied. The purpose of this research project is to study ecosystem processes in order to better understand productivity of a forest site.

Dr. Gary Murchison, Associate Professor, School of Forestry was awarded a contract by the Ontario Ministry of Natural Resources, to undertake a study entitled, "Production of provincial and regional local volume tables and develop-

ment of a stem products model system to be used with AWS (OPC) and FRI data to model forest product mixes at the tree and stand level".

Mr. Laird Van Damme, Chair, Raith Committee, School of Forestry has been awarded a contract by the Ontario Ministry of Natural Resources to finance the development of a 6000 ha research forest that Lakehead University leases from Abitibi Price Inc. Abitibi has kept records for about thirty stands which provide opportunities to demonstrate to practising foresters the effects of various silviculture systems. The funds will be allocated to student projects by the Raith Committee.

Prof. Ken Hartviksen, School of Business Administration was awarded a contract by Environment Canada to undertake a research study entitled, "Economic Policies on the Achievement of a Zero Discharge of Toxic Bioaccumulative Substances in the Lake Superior Basin." The purpose of this research is to identify alternative economic tools which could be used to provide positive inducement to industries and municipalities within the Lake Superior basin to pursue economic objectives. This research will be conducted in conjunction with Lakehead researchers, **Dr. R. Pulkki** and **Dr. B. Dadgostar** as well as a group of researchers from Michigan Technological University, University of Minnesota and the University of Minnesota, Duluth.

Dr. Ken Brown, Professor, School of Forestry was awarded a contract by Forestry Canada's Canada-Alberta Partnership Agreement in Forestry for a research project entitled, "Data Analysis of the Alberta Forest Service Microsite Trials". The data are from a very large study that was established in the mid-1980s by the Alberta Forestry Service and Forestry Canada. The field trials are now being measured to establish the response to treatment, and Dr. Brown has been hired to analyze the results. There are 14 plantations in this phase of the study. Last year, Dr. Brown analyzed 12 other plantations in the same study.

The objective of the statistical analysis is to establish the effects of a variety of silvicultural and environmental variables on the growth and development of plantation-grown white spruce and lodgepole pine crop trees. The most important silvicultural variables are site preparation method, nursery stock type, and planting position. The measures of crop tree performance include survival, condition, total height and recent height increment, and basal caliper.

APPOINTMENTS

Dr. Gary Munro has been re-appointed Chair of the Political Studies department for a three-year period ending June 30, 1996. **Dr. David Legge**, has been appointed Professional Associate through the Office of the Vice-President (Academic) for a three-year period, July 1, 1993 to June 30, 1996. **Mr. Brian MacIvor** and **Mr. Brad Truelove** have been appointed Professional Associates through the School of Business Administration for a three-year period, July 1, 1993 to June 30, 1996.

IDRC PREFERS MULTIDISCIPLINARY DEVELOPMENT RESEARCH

The International Development Research Centre (IDRC) organized a one-day information session for the Canadian University researchers at York University on December 1, 1993. In his opening address Dr. Keith Bezanson, President of IDRC, stressed the need for changing direction in development research in the third world countries. He emphasized the fact that environmental deterioration, overpopulation and food shortage have reached a persistent, mega-crisis level. This critical time coincides with the economic downturn of the developed countries which causes significant budget cuts of the development agencies working for the poor of the world. The future looks darker than ever. To better serve the community and the researchers IDRC has revised its funding policy. Although proposals submitted by individual researchers will be considered, more emphasis will be given to collaborative research that has direct application/potential for improving community life in the developing countries. Issue oriented problem solving research rather than discipline oriented research will get high priority, i.e. a multidisciplinary team work approach is preferred to an independent specialist approach. The IDRC is inclined to fund fewer numbers of larger projects on a relatively long-term basis. The following six "core themes" are identified for funding support: 1) integrating environmental, social and economic policies; 2) technology and environment; 3) food system under stress; 4) information and communication for environment and development; 5) health and development and 6) biodiversity. Research projects on these core themes are managed by the five program divisions. These are 1) Environment and Natural Resources; 2) Health Sciences; 3) Information Sciences and Systems; 4) Social Sciences and 5) Corporate Affairs and Initiatives.

Multidisciplinary research proposals are reviewed by all the relevant program officials. Budgets for the average grants range from \$200,000 to \$500,000 for 18 months to three years. Proposals can be submitted to the IDRC, Ottawa, anytime during the year. Further information can be obtained from Mrs. Anne Klymenko, Office of Research and Graduate Studies or Dr. Azim Mallik, Biology Department.



PRESENTATIONS

Dr. Alain Nabarra, Associate Professor, Department of Languages, presented an invited paper to the International Conference on the Epistolary held recently at York University (Glendon College), Toronto. Through comparative analysis of private letter writing and newspaper reporting in the XVIIIth Century, the paper entitled "La lettre et le journal, la lettre dans le journal", studies the problems posed by the transmission of information and the modalities of factual narrative. An extended version of the paper, will be published in the selected proceedings. Research and travel to the conference were funded in part by grants from SSHRC through the Senate Research Committee.

**LAKEHEAD UNIVERSITY
INJURY STATISTICS:
January 1 to December 15, 1993**

	Compensable Injuries	
	To Dec. 15, 1993	Same Period 1992
Medical Aid Injuries:		
Approved	22	33
Pending Decision by WCB	8	---
Lost Time Injuries:		
Approved	8	10
Pending Decision by WCB	4	---
Number of Days Lost:		
On Approved Claims	469.5	406
On Claims Pending	7.5	---

Medical Aid Injuries are work-related injuries or illnesses which require medical attention. **Lost Time Injuries** are those injuries which result in the employee losing time from work beyond the day of the injury. **Number of Days Lost** reflects the total number of scheduled work days which have not been worked due to work-related injury or illness. **Approved Claims** are claims which have been approved for payment by the Workers' Compensation Board [WCB]. **Claims Pending** are undecided claims: the WCB has not made a decision to approve or deny a claim, pending receipt of all information from physician, employee and employer.

-- by Marla Peuramaki, Human Resources Officer

FROM THE ARCHIVES



"This photo is taken during an indoor lab session of Geography 3c6/3d6 Advanced Cartography, in the 1967-68 academic session. At that time, the Department consisted of Ivar Davies and myself and we were part of History and Geography. In the photo, I am demonstrating the use of a microphe alidade and plane table, a survey procedure. (Ironically, the photo aptly reveals that the equipment we have to teach with in 1993 was purchased in 1967! We still demonstrate with this instrument, though it is of course 'redundant', 'obsolete', and 'out of date' as well). From left to right is Roy Nurmi, Bill McLaren, Bert Baumann, Foster Gauley and Paul Bourret." --Dr. B. Phillips

Distinguished Researcher (continued)

Dr. Paranjape's research consists of developing concepts and defining these concepts in terms of mathematical models. He was the first person to propose that an external electric field would strongly disturb the vibrational properties of the semi-conducting crystal. This effect has now become a subject of research by many physicists, although the emphasis has significantly changed from the original proposal. References acknowledging Dr. Paranjape's contribution are well documented and are contained in the authoritative book by E. Conwell, titled "High Field Transport in Semiconductors" (Academic Press), which is available at the Chancellor Paterson Library.

Of all his accomplishments, Dr. Paranjape believes his work on the "dispersion theory" has been the most significant. He is the principal researcher in the world using the dispersion theory approach to the study of the polaron, which is a composite particle consisting of an electron and the excitations of the polar lattice. Dr. Paranjape is the acknowledged leader in his field, and has published approximately 15 papers on this subject in the most reputable journals.

Dr. Paranjape describes this achievement as finding "a new and different way of looking at the problem". He is also very proud of having mentored an LU faculty member and colleague, Dr. Margaret Hawton, who went on to complete her PhD degree under his guidance and is now working independently on a more abstract and fundamental approach to the dispersion theory.

Dr. Paranjape is unequivocal about the role of research in teaching. "Teaching is the main purpose of the University," he says, "but in the sciences it is difficult to be a good teacher unless you are also a good researcher. You *must* be up to date in your field. Lakehead University has made its name as a teaching institution, but that is largely because of the research that is going on here."

Dr. Paranjape became a full professor at Lakehead University in 1971. Born and raised in India, he took two Master's degrees (one in Mathematics and one in Physics) at home before moving to England to do his PhD in Theoretical Physics at the University of Liverpool. He came to Canada because his brother (also a theoretical physicist) was working as a professor at the University of Alberta. Dr. Paranjape became an Assistant Professor at the University of Manitoba in 1966. The following year he started at Lakehead as an Associate Professor.

Dr. Paranjape has served as Chair of the Department of Physics for 12 years and he chuckles when he describes how easy it is to manage a department with only seven faculty members. "We all get along so well, we rarely need to meet in a formal way."

Starting this month, Dr. Paranjape will begin a six-month sabbatical. He and his wife Neela (who works as secretary/librarian in the Resource Centre for Occupational Health and Safety) will travel to Italy and then to India. When he returns next fall, he fully intends to resume his weekday routine which begins at 8:30 every morning with a swim at the Fieldhouse. Then he will head over to his office in the Centennial Building for more work on the theoretical.

-- F. Harding

This column is not back by popular demand: I'm related to three of the five people who said they read and liked my back page musings. I'm back because of spicy silkworm bisque and a man I've never met.

I can't tell if Yves Prevost (damn, how do you put in accents?) is complaining or bragging, but he argues, "this bug-eating thing is out of hand". I think he means out of mouth. This School of Forestry entomologist has single-handedly defended and promoted the reputation of insects and Lakehead University on an international scale! He's often heard coast to coast on CBC's *Basic Black*. And all because Arthur was asked if he'd like to try some chocolate cricket brownies. In addition to his radio shows, this humorous bilingual speaker has been featured in national newspapers and appeared on Canada AM when a bug-eating controversy arose at an Ottawa kindergarten. Recently a PR company for *Wild Side* phoned and asked if we could courier his photograph to the Chicago Tribune!

The prof's entomology lab has also been very busy over the past five summers with public and high school students. More than 120 groups have foraged into the Braun Building courtyard. During animated discussions and dissections they tell Canada's Gary Larson, "bugs are cool and neat". At the annual meeting of the Entomological Societies of Canada and Ontario, Dr. Prevost delighted the audience with a lecture entitled, "Insects on your Fork". Graduate students Ryan, Kyna and Joell prepared a major bug fiesta for more than 200, including spicy silkworm bisque. Apparently the place was "a buzz". I offered to be his agent. Tossing another handful of waxworm popcorn into his mouth, I believe he mumbled, "aren't you partly responsible for getting me into this mess?"

"Maybe all taxi drivers should study poetry; maybe all poets should drive taxis."

Bob Dawson is a businessman who loves to write. He used to be a writer who wanted to be a businessman. He wrote a provocative article called "The Law of Hygrade Hot Dogs" in Bishop's Alumni magazine. I wish I had space to reprint the entire article. (With his permission I'll e-mail or fax it to anyone who wants it.) A great line in the article states: "You never see a classified ad saying 'Wanted: poet, preferably expert on John Donne. High salary, life-time employment, company car, fringe benefits.'" Bob begins his clever defence of valid reasons for going to university by citing examples. "The taxi driver who took us downtown had a Master's degree in literature." He quotes the Globe -- a thousand people line up to apply for 50 temporary mail sorting jobs -- credentials in the line-up included an environmental engineering degree, computer programmer and a Master's degree in anthropology. He throws in stats: 38 million unemployed in Western Europe, Canada and the USA. But throughout his prose Dawson eloquently argues a theme I personally support and one I've heard from Jim Kayll, Doug West and Connie Nelson: education is not just about getting jobs. In response to the popular

Learning is for the mind and the soul and for living your life; it can help you do any job, but it is not about getting one specific job.

question "Why waste resources educating people for jobs that don't exist?" Dawson quotes Ralph Gustafson who had this message for '60s grads: "Maybe all taxi drivers should study poetry, maybe all poets should drive taxis. To claim that it is beneath the dignity of an educated person to do 'ordinary' work is to show contempt for the purpose of learning. It is elitist to believe that knowledge of the culture of mankind should be reserved for those chosen to occupy positions of power and prestige. Learning is for the mind and the soul and for living your life; it can help you do any job, but it is not about getting one specific job. Careers change, recessions come and go, but the ability to think, understand, communicate, create and participate in the culture of mankind is vital for anyone's life and for any society." The article ends with the reminder, if you think the cost of education is high, try the cost of ignorance.

"Sisu, Sauna and Sibelius"

TBSO Conductor Glenn Mossop drew the names of the five lucky winners of the Agora Reader Survey Draw earlier this month.

Each of the LU employees listed below have won two tickets to the "Nordic Voices" concert featuring Sibelius' rowing hymn *Finlandia*. Also performing that night are the Wernland Vocal Ensemble, the TBSO Chorus and two local Finnish Choirs.

Carolann Loree - Forestry

Luci Andreacchi - Registrar's Office

Anita Chen - Sociology

Stephen Kissin - Geology

B. O'Connor - Psychology

A full report on the results of the survey will appear in the next issue of the Agora. Thanks for your response!

Superior Jazz Plus in conjunction with Northstar Video & Stereo is presenting pianist, Wray Downes and vocalist Jeri Brown live from Montreal on Friday, January 21, 1994 at the Valhalla Inn Ballroom. For tickets and information call 343-2300.

To include your Department's event or activity in the Campus Calendar, please call Betty Hygaard at the Information Office at 343-8300 or mail your information to Avila Centre. Deadline for the February Agora is February 11 1994.

JANUARY

Wednesday, 26

Seminar Series in Psychology
"Assessment of the Adolescent Sex Offender"
Time: 2:30 - 4:30 p.m.
Location: SN 1015
Speaker: Dr. Fred Schmidt, Lakehead Regional Family Centre
Refreshments; all welcome.

Thursday, 27

Department of English Public Lecture
"The Bayeux Tapestry: Art, History, Politics and Margins. A look at some interesting aspects of this masterpiece of Medieval Art" by Joan Dolphin
Time: 7:30 p.m.
Location: Faculty Lounge
Cash Bar; For information call 343-8242

26th Annual Forestry Symposium

January 28-29

"Terminators: the Undercover Agents of the Forest" Insects and Diseases,
Location: Ryan Building RB1042

Day 1:

Time: 6:45 p.m.
Speakers: Dr. Ed Setliff, Dr. Yves Prevost, Dr. Tim Meyer, Dr. Robert Blanchette

Day 2:

Time: 9:00 a.m.
Speakers: Dr. Paul Manion, Dr. Peter de Groot, Mr. Joe Churcher, Mr. Bill Klages
Followed by Dinner/Dance at the Finlandia Club
For more information call 343-8511 and leave a message for the Symposium

FEBRUARY

Monday, 7

Women's Studies: Work in Progress Series
Speaker: Ann Clarke "A Painter's Reflections on Approaching Fifty"
Time: 11:45 a.m. - 1:00 p.m.
Location: Board Room, Centre for Forest Ecosystem Research

Monday, 21

Public Lecture by Dr. Ronald Rompkey, Memorial University on "The Invention of Sir Wilfrid Grenfell"
Time: 7:00p.m. to 10:00 p.m.
Location: Faculty Lounge



THUNDER BAY ART GALLERY

February 11 - March 13

Exhibition: Recent Works of Mark Nisenholt (small assemblages of found objects collected from varied environments)
Place: Thunder Bay Art Gallery
Sponsored by the Senator Norman M. Paterson Foundation

February 28 - March 13

A Glenn Gould Exhibit
A collection of Glenn Gould memorabilia

Opening Lecture by Dr. Timothy Maloney
Friday, February 28 at 7:30 p.m.
"Glenn Gould, Northrop Frye, Marshall McLuhan: Three Canadian Legacies to the World of Ideas". Free admission.

CORNWALL CONCERT

Tuesday, February 1

Harbour String Quartet (Michele Irion and Anna Brundin Mossop, violins; Cathy Jillings, viola; Marc Palmquist, cello).



FRIDAY FEBRUARY 18

Alumni Mixed Curling Bonspiel

Fort William Curling Club
\$25 includes Curling, Chinese Buffet and Prizes. 7:00 p.m. - 11:00 p.m.
To register call Barb at 343-8155.
Alumni, Staff, Faculty and Friends are welcome to attend.

AGORA

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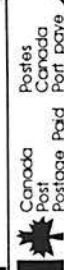
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